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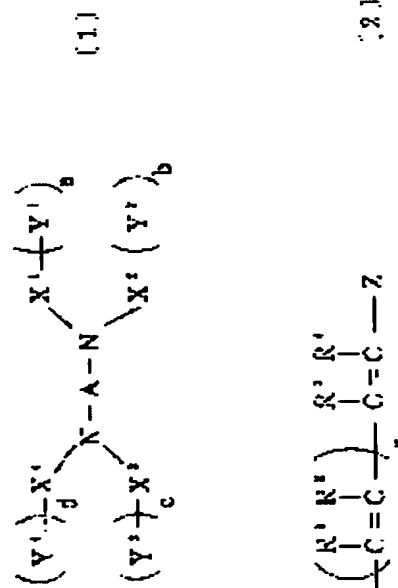
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(54) MATERIAL FOR ORGANIC ELECTROLUMINESCENT ELEMENT AND ELECTROLUMINESCENT ELEMENT USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a material for organic electroluminescent(EL) elements that has high luminous efficiency, high heat resistance and long durability and the organic EL elements using the same.

SOLUTION: The objective material for organic EL elements are represented by general formula 1 [A is a substituted or unsubstituted 22-60C arylene; X1 to X4 are independently a substituted or unsubstituted 6-30C arylene where X1 and X2 or X3 and X4 may link to each other, respectively; Y1 to Y4 independently represent general formula 2; a to d are each an integer of 0-2 where a+b+c+d>0 in the case of A≤26 and the number of anthracene nucleus is 1 or 0; (In general formula 2, R1 to R4 are independently H, a substituted or unsubstituted 1-20C alkyl, a substituted or unsubstituted 6-20C aryl, cyano, or R1 and R2 or R3 and R4 bond to form a triple bond; Z is a substituted or unsubstituted 6-20C aryl; n represents 0 or 1)].



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